

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method of processing a packet in a wireless network, comprising:
receiving a data packet having data therein at a first device capable of wirelessly communicating with a second device;

associating the data with a one of a plurality of network enabled software applications executing on the first device and generating display information in response to processing by the one of the plurality of network enabled software applications for use by the second device in producing a display on the second device; and

the first and second devices performing wireless transmissions to one another through a wireless router, wherein performing wireless transmissions to one another through the wireless router further comprises,

providing a first wireless communication link between the first device and the wireless router in accordance with a first wireless protocol, and

providing a second wireless communication link between the wireless router and the second device in accordance with a second wireless protocol.

2. (Original) The method of Claim 1 wherein the software application executes on a wireless server.

3. (Original) The method of Claim 1 wherein the software application executes in the background.
4. (Original) The method of Claim 1 further comprising using the data to update the software application.
5. (Original) The method of Claim 1 further comprising converting the data packet into a data stream.
6. (Original) The method of Claim 1 wherein the data is a command that causes the program to perform a predetermined operation.
7. (Previously Presented) The method of Claim 1 wherein a transmitter comprising the first device receives the data packet.
8. (Previously Presented) The method of Claim 1 further comprising compressing the data packet.

9. (Original) The method of Claim 1 further comprising generating a video stream indicative of a visual display, the visual display associated with the software application.
10. (Original) The method of Claim 9 further comprising compressing the video stream.
11. (Original) The method of Claim 9 further comprising organizing the video stream into at least one video packet.
12. (Previously Presented) The method of Claim 11 further comprising transferring the video packet from a wireless server to a wireless transmitter.
13. (Previously Presented) The method of Claim 11 further comprising transmitting the video packet.
14. (Currently Amended) The method of Claim 13 further comprising transmitting the video packet via [[a]] at least one of the first wireless protocol and the second wireless protocol.
15. (Currently Amended) The method of Claim 14 wherein one of the first wireless protocol and the second wireless protocol is a Bluetooth protocol.

16. (Currently Amended) The method of Claim 14 wherein one of the first wireless protocol and the second wireless protocol is the IEEE 802.11 protocol.
17. (Currently Amended) The method of Claim 14 wherein one of the first wireless protocol and the second wireless protocol is a Home RF protocol.
18. (Currently Amended) The method of Claim 13 further comprising transmitting the packet via the first wireless protocol and the second wireless protocol.
19. (Previously Presented) The method of Claim 2 wherein the wireless server simultaneously executes multiple instances of the software application.
20. (Original) The method of Claim 1 further comprising transmitting an audio stream associated with the application.
21. (Original) The method of Claim 1 further comprising converting an audio stream into at least one audio packet.
22. (Previously Presented) The method of Claim 21 further comprising transmitting the at least one audio packet.

23. - 29. (Canceled)

30. (Original) The method of Claim 22 further comprising displaying a registration page.

31. (Canceled)

32. (Currently Amended) The method of Claim 30 further comprising sending a video packet via the first wireless protocol and the second wireless protocol.

33. (Currently Amended) A method of processing a packet in a wireless network, comprising:
wirelessly receiving a data packet having data therein at a first device capable of wirelessly communicating with a second device;

employing the data in producing a display on the first device for a one of a plurality of network enabled software applications executing on the second device and generating display information in response to processing by the one of the plurality of network enabled software applications for use by the first device; and

the first and second devices performing wireless transmissions to one another through a wireless router, wherein performing wireless transmissions to one another through the wireless router further comprises,

providing a first wireless communication link between the first device and the wireless router in accordance with a first wireless protocol, and
providing a second wireless communication link between the wireless router and the second device in accordance with a second wireless protocol.

34. - 35. (Canceled)

36. (Currently Amended) A computer system in a wireless network, the computer system for processing a packet in a wireless network, the computer system comprising:

a first device; and

a second device capable of wirelessly communicating with the first device and wirelessly receiving a data packet having data therein from the first device, the second device employing the data to generate a display on the second device associated with a one of a plurality of network enabled software applications executing on the first device;

wherein the first and second devices perform wireless transmissions to one another through a wireless router, and wherein a first wireless communication link is provided between the first device and the wireless router in accordance with a first wireless protocol and a second wireless communication link is provided between the wireless router and the second device in accordance with a second wireless protocol.

37. (Currently Amended) A computer-readable medium whose contents cause the processing of a packet in a wireless network by:

receiving a data packet having data therein at a first device capable of wirelessly communicating with a second device; and

associating the data with a one of a plurality of network enabled software applications executing on the first device and generating display information in response to processing by the one of the plurality of network enabled software applications for use by the second device in producing a display on the second device;

wherein the first and second devices perform wireless transmissions to one another through a wireless router, and wherein a first wireless communication link is provided between the first device and the wireless router in accordance with a first wireless protocol and a second wireless communication link is provided between the wireless router and the second device in accordance with a second wireless protocol.

38. - 39. (Canceled).

40. (Currently Amended) In a wireless network, a computer-readable medium whose content transforms a computer system into a packet processing system, comprising:

a wireless packet receiving subsystem that receives, via wireless transmission from an external device, a data packet having data therein; and

a data association subsystem that associates the data with a one of a plurality of network enabled software applications which is executing on the packet processing system and which generates, for wireless transmission to the external device, display information in response to processing by the one of the plurality of network enabled software applications for use by the external device to produce a display on the external device, wherein the packet processing system and the external device perform wireless transmissions to one another through a wireless router, and wherein a first wireless communication link is provided between the packet processing system and the wireless router in accordance with a first wireless protocol and a second wireless communication link is provided between the wireless router and the external device in accordance with a second wireless protocol.

41. - 44. (Canceled)

45. (Previously Presented) The method of Claim 1 further comprising:
- receiving a packet at the wireless router transmitted wirelessly from the first device;
 - amplifying the packet;
 - transmitting wirelessly the amplified packet to the second device.
46. (Currently Amended) The method of Claim 1 further comprising:
- receiving a wireless transmission at the wireless router transmitted from the first device;
 - detecting that the received wireless transmission is adequately strong to reach a ~~known~~
~~destination~~ the second device; and
 - not amplifying the received wireless transmission before transmitting to the second device.